



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	09/470,890
Filing Date	December 22, 1999
First Named Inventor	Patrick D. Smith
Art Unit	2631
Examiner Name	Burd, K.
Attorney Docket Number	BCS03393

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
KMB		US- 3,864,632	02/1975	Chang	
		US- 4,481,645	11/1984	Karabinis	
		US- 5,095,535	03/1992	Freeburg	
		US- 5,153,877	10/1992	Esaki	
		US- 5,479,447	12/1995	Chow et al.	
		US- 5,822,299	10/1998	Goodman	
		US- 5,825,829	10/1998	Borazjani et al.	
		US- 5,838,740	11/1998	Kallman et al.	
		US- 5,883,819	03/1999	Abu-Amera	
		US- 5,901,185	05/1999	Hassan	
		US- 6,032,019	02/2000	Chen et al.	
		US- 6,134,230	10/2000	Olofsson	
		US- 6,144,696	11/2000	Shively et al.	
		US- 6,212,229	04/2001	Salinger	
		US- 6,246,717	06/2001	Chen et al.	
		US- 6,314,085	11/2001	Saranka	
		US- 6,363,053	03/2002	Schuster	
		US- 6,389,068	05/2002	Smith et al.	
		US- 6,442,158	08/2002	Beser	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
KMB		WO 97/48197	12/1997	Dapper et al.		

Examiner  
Signature

Kevin M. Burd

Date  
Considered

10/25/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

